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Dated: December 23, 2005      Signature: Ariette Malhas  
(Ariette Malhas)

Attorney Docket No.: 509232001700  
(formerly NFI-106/US)  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Jan-Willem PIETERSE et al.

Application No.: 10/766,306      Confirmation No.: 9348  
Filed: January 27, 2004      Art Unit: 2878

For: SYSTEM AND METHOD FOR MONITORING  
ENVIRONMENTAL EFFECTS USING  
OPTICAL SENSORS

**AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

Applicants submit this amendment in response to the Office Action in the above case having a mailing date of October 6, 2005. It is believed that this amendment is timely filed and no time extension is required. If a time extension is required please charge the undersigned's deposit account for any fees involved therewith. The deposit account number is shown in the enclosed transmittal form.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 7 of this paper.